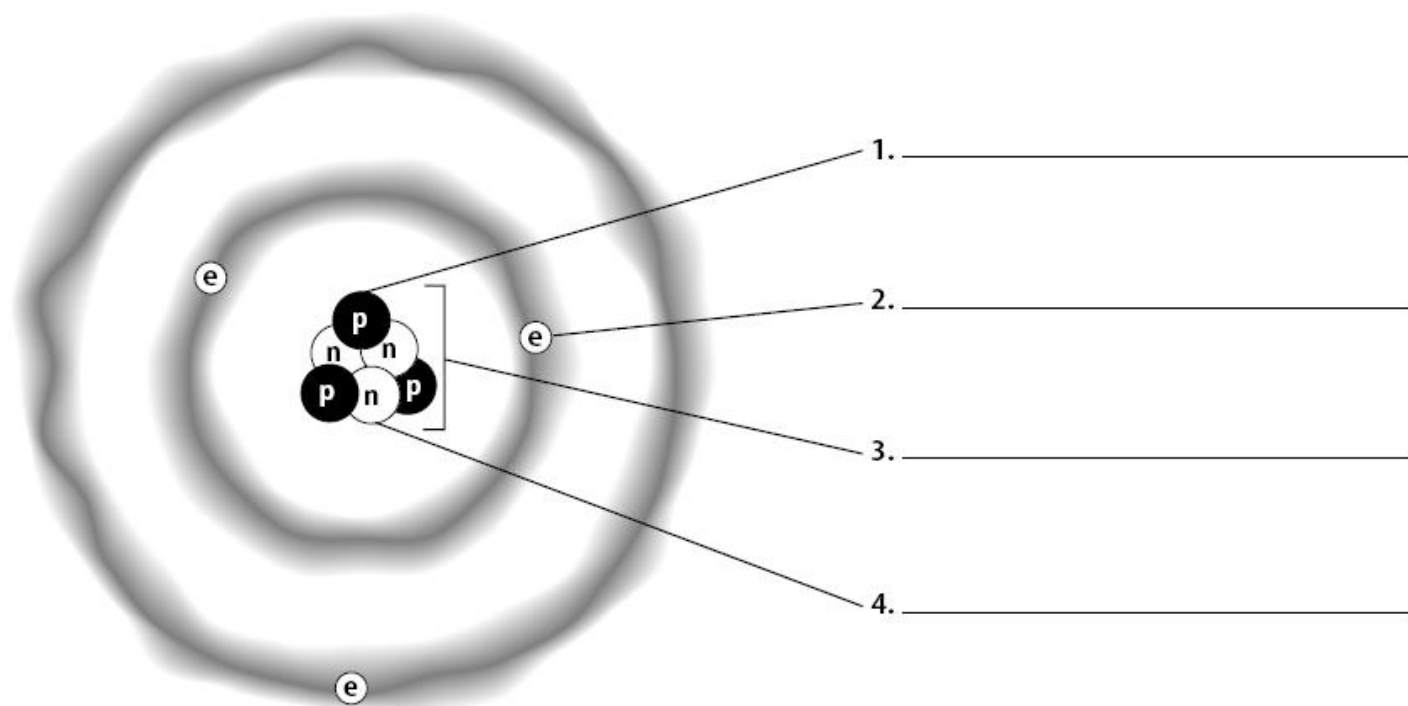


Atoms

Directions: Study the following diagram. Then label each part using the correct terms from the list.

nucleus**proton****electron****neutron**

Directions: Circle the term that correctly completes the sentence.

5. The number of protons in an atom determines its (atomic number/nucleus).
6. An element's (atomic number/mass number) is the number of neutrons plus the number of protons.
7. A(n) (compound/element) is matter that is made up of only one kind of atom.
8. The (element symbol/element name) of sodium is Na.
9. Oxygen gas (O_2) is an example of a(n) (molecule/element).
10. Electrons are located (inside/outside) of the nucleus of an atom.
11. A(n) (compound/element) is a substance made up of more than one element.
12. An element can be identified by the number of (neutrons/protons) in the nucleus.